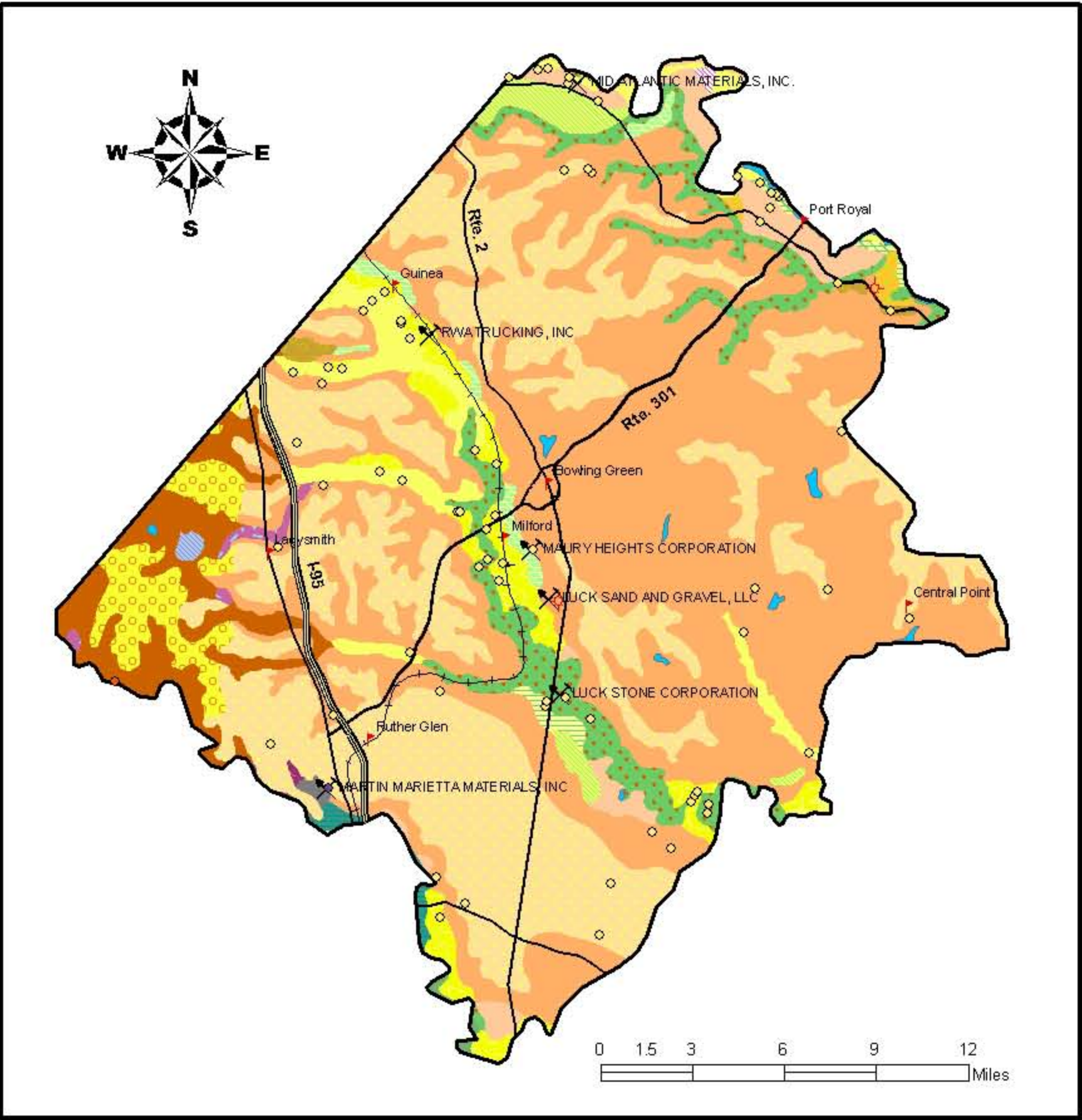


Figure 1



Mineral Resources of Caroline County

LEGEND

- Active Mine Permits
- Towns
- Interstate Highways
- Primary Roads
- Rail Lines

GEOLOGY

- Surface Water
- Coastal Plain Units**
 - al, alluvium
 - QTu, Quaternary and Tertiary deposits - undifferentiated
 - Qtlp, Tabb Formation - Lynnhaven and Poquoson Members, undifferentiated
 - Qt, Tabb Formation - undifferentiated
 - Qsh, Shirley Formation
 - Qc, Chuckatuck Formation
 - Qts, Tabb Formation - Sedgefield Member
 - Qcc, Charles City Formation
 - QTW, Windsor Formation
 - Tb1, Bacons Castle Formation
 - psg, Pliocene sand and gravel
 - Tc, Chesapeake Group
 - msg, Miocene sand and gravel
 - Tl, Lower Tertiary deposits
 - Kp, Potomac Formation
- Mesozoic (Taylorsville) Basin Units**
 - c, Newark Supergroup - conglomerate, mixed clasts
 - ss, Newark Supergroup - sandstone, siltstone and shale, interbedded
- Piedmont Units**
 - my, Mylonite
 - PzYgr, granite gneiss
 - PzYpm, quartzofeldspathic gneiss
 - Ymd, porphyroblastic garnet-biotite gneiss
 - Ysf, State Farm Gneiss

Known Mineral Resources

- Commodity**
 - gas well; dry
 - sand and gravel
 - gneiss (crushed stone)
 - mica

Geologic data and mineral resource locations presented on this map are based on current information in the records of the VA Department of Mines, Minerals, and Energy (DMME). The locations and extent of many of the historic mine sites have been confirmed by field investigations, yet for others, the locations may be approximate and subject to change. DMME is continuing to modify the datasets included on this map, and the user is responsible for ensuring that they have the most current information. This map is designed for use at the designated scale and should not be enlarged or used for making site-specific decisions. The user should be aware of possible errors in scale, resolution, and positional accuracy. Distribution of this map is intended for informational purposes and should not be considered authoritative for navigation, engineering, legal or other site-specific uses.